



# LED Linear Indoor/Outdoor High Bay Light

100 Watts – 100~277VAC – 5000K White – Microwave Sensor – ETL – IP67: Water-Resistant



## FEATURES

- 7 Year LEDtronics Warranty
- Energy Savings up to 70%
- Lumen Maintenance over 70% @ 150,000 Hours
- ETL/cETL Listed (OHD-HBMS01-S-100)
- IP67 Rated: No Dust Ingress, Water-Resistant (Protected against Temporary Immersion)
- Marine-Grade, Extruded Aluminum Body
- UV-Stabilized Polycarbonate Lens, Frosted
- Microwave Sensor
- High Lumen, High CRI, Low Profile Design
- Instant-On Even Lighting, No Buzzing, No Flickering
- Solid State: High-Shock & Vibration Resistant
- No UV, No IR, No Toxic Mercury – RoHS Compliant

## APPLICATIONS

- Factory Floors / Warehouses
- Big-Box Stores / Supermarkets
- Shopping Malls, Convention Centers
- Parking Garages, Tunnels
- Gymnasiums, Indoor Arenas
- Libraries, Workshops

## AVAILABLE OPTIONS

- 4000K Natural White, 5700K Cool White and Other White Color Temperatures
- Pendant Suspension Chain Mounting
- Lux Detecting Luminaires
- DALI Interface Lighting Systems
- Luminaires for Externally-Controlled 0-10V Dimmers

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

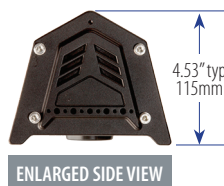
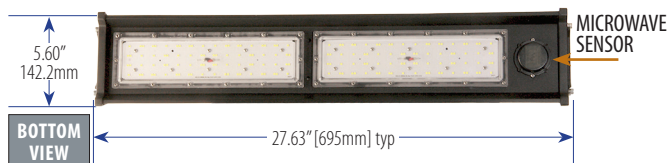
### LHB002-100W2-XPW-101D-MWS

Input Power	100 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)
Input Current	0.884A
Total Lumens	16284.7 lm
Efficacy	163 lm/W
Max. Candela	6194.4 cd
Power Factor	>0.9
Viewing Angle	100° x 105°
Emitted Color	Pure White
Color Temperature	5000K
CRI	70
Dimmability	-
Oper. Temperature	-4°F ~ +122°F / -20°C ~ +50°C
Protection Rating	IP67 (Dustproof, Water-Resistant)
Heatsink	Extruded Aluminum, Black Finish
Housing	Marine Grade
Lens	Polycarbonate, Frosted
Dimensions (without brackets)	L27.63 x W5.51 x H4.53 in L695 x W140 x H115 mm
Net Weight	10.76 lbs / 4.88 kg

100 Watts, Replaces MH/HPS Lamps up to 500W



2 ft (nominal)



# LEDTRONICS®

America's Premium Brand LED Company™



© 2022 LEDtronics, Inc.



23105 Kashiwa Court, Torrance, CA 90505  
Phone: (800) 579.4875 / (310) 534.1505  
Fax: (310) 534.1424  
E-mail: [info@ledtronics.com](mailto:info@ledtronics.com)  
Website: [ledtronics.com](http://ledtronics.com)

To order LEDtronics products,  
contact the Distributor or Sales Representative in your area.

Visit our website to find your local Distributor or Representative from our worldwide network:

**LEDtronics.com**

WWW.LEDTRONICS.COM

LOG 849 / Rev 05 - 2022

Check LEDTRONICS.COM for latest data.  
Printed material may be outdated.

**Luminaire Photometric Report**

Filename: LHB002-100W2-XPW-101D-MWS

Manufacturer: LEDTRONICS

Luminaire: FROSTED LENS, 100W, 120VAC

Lamp Output: 1 lamp(s), rated Lumens/lamp: 16284.7

Max Candela: 6,194.4 at Horizontal: 0°, Vertical: 0°

Luminous Opening: Point

Test: 7-29-21

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 7 X 7

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	583.2	3.6%	90-100	0	0%
10-20	1,664.2	10.2%	100-110	0	0%
20-30	2,490.7	15.3%	110-120	0	0%
30-40	2,928.8	18.0%	120-130	0	0%
40-50	2,925.1	18.0%	130-140	0	0%
50-60	2,517.4	15.5%	140-150	0	0%
60-70	1,828.6	11.2%	150-160	0	0%
70-80	1,028.6	6.3%	160-170	0	0%
80-90	318.2	2.0%	170-180	0	0%

**Illuminance at a Distance**

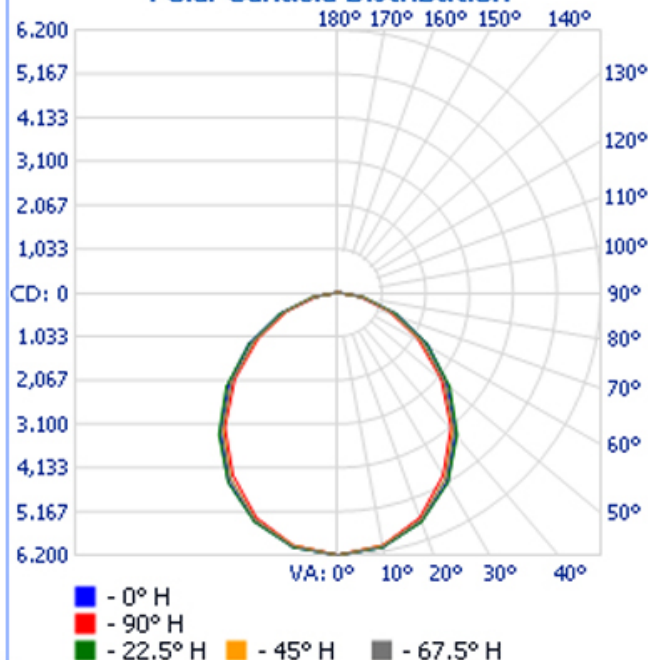
Center Beam FC

Beam Width

1.7ft	2,229.98 fc	4.4ft	4.1ft
3.3ft	557.50 fc	8.8ft	8.2ft
5.0ft	247.78 fc	13.2ft	12.3ft
6.7ft	139.37 fc	17.6ft	16.4ft
8.3ft	89.20 fc	22.0ft	20.5ft
10.0ft	61.94 fc	26.4ft	24.6ft

■ Vert. Spread: 105.8°

■ Horiz. Spread: 101.7°

**Polar Candela Distribution****Isofootcandle Plot**